PATENT APPLICATION Attorney Docket No. D/3180

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Markus P.J. Fromherz et al.

Title: COMPLEXITY-DIRECTED COOPERATIVE PROBLEM SOLVING

Commissioner for Patents

Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT

Sir:

Enclosed is a copy of the Information Disclosure Statement Form PTO-1449 submitted

pursuant to 37 C.F.R. §1.56, together with copies of the documents cited in that form. The

undersigned respectfully requests that the Examiner consider the cited documents and that the

enclosed copy of the Information Disclosure Statement Form PTO-1449 be initialed by the

Examiner to indicate such consideration and that a copy thereof be returned to the applicants.

This Statement is being filed concurrently with the filing of the application to which it

relates. No certification or fee is required.

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This Statement is not intended to constitute an admission that any information referred to herein is "prior art" in relation to the claimed invention unless specifically designated as such. In accordance with 37 C.F.R. §1.97(g) and (h), the filing of this Statement shall not be construed to mean that a search has been made or that the information submitted herewith is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56(b).

El Segundo, California Date: June 24, 2003 Respectfully submitted,

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Attorney for Applicants Registration No. 41,273

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US Dept. of Commerce ATTY DOCKET NO. APPLICATION NO. Form PTO-1449 PATENT & TRADEMARK OFFICE D/A3180 Not Assigned INFORMATION DISCLOSURE STATEMENT **APPLICANT** Markus P.J. Fromherz, et al. (Use several sheets if necessary) FILING DATE Herewith GROUP ART UNIT Not Assianed U.S. PATENT DOCUMENTS **EXAMINER PUBLICATION** SUB INITIAL DOCUMENT NUMBER DATE NAME OF PATENTEE CLASS **CLASS** 5,870,731 07/09/1999 loan Trif, et al. 706 52 Alexander G. Bounares, et al. 706 6,088,690 07/11/2000 13 702 11/07/2000 Gilbert Grosse 56 6,144,923 Filed Markus P.J. Fromherz, et al. Application No. 09/874,167 Xerox Docket No. D/A1215 06/04/2001 Application No. 09/874,552 Filed Warren B. Jackson, et al. Xerox Docket No. D/A1214 06/04/2001 FOREIGN PATENT DOCUMENTS **PUBLICATION** TRANSLATION NAME OF PATENTEE OR APPLICANT COUNTRY DOCUMENT NUMBER DATE Y/N OTHER DOCUMENTS (Including Author (in CAPS), Title, Publication Date, Pages, etc.) M.J.P. FROMHERZ, T. HOGG, W.B. JACKSON, Y. SHANG, Modular Robot Control and Continuous Cosntraint Satisfaction, Proc. IJCAI-01 Workshop on Modeling and Solving Problems with Constraints, Seattle, WA, 2001, p. 47-56 B. KITTS, Regulation of Complex Systems, Proc. 1st Int'l Conf. On Complex Systems, September 1997 O.C. MARTIN, Combining Simulated Annealing with Local Search Heuristics, G. Laporte and I. Osman. editors, Metaheuristics in Combinatorial Optimization, p. 57-75, Annuals of Operations Research Vol. 63, 1996 M.J. MURPHY, E.L. BAKER, Global Local Optimizer, http://www.llnl.gov/glo/09glo.html, LLNL unclassified code #960007, Lawrence Livermore National Laboratory, Livermore CA, November 1995 Y, SHANG, M.P.J. FROMHERZ, T. HOGG, W.B. JACKSON, Complexity of Continuous, 3-SAT-like Constraint Satisfaction Problems, Proc. IJCAI-01 Workshop on Stochastic Search Algorithms, Seattle. WAS. 2001, p 49-54 **EXAMINER** DATE CONSIDERED Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609. Draw line through citation if

not in conformance and not considered. Include copy of this form with next communication to applicant,